

Remarks

Claims 1-24 are now pending in this application. Applicants have amended claims 1 and 24 and cancelled claim 25. Applicants respectfully request favorable reconsideration of this application.

Applicants have amended the specification to insert cross-reference to related applications and to delete references to the claims.

Applicants have amended the abstract to delete the details regarding the formulas utilized in the recited calculations. Applicants submit herewith on a separate sheet a clean copy of the abstract of the disclosure.

The Examiner rejected claim 1 under 35 U.S.C. § 101 as reciting non-statutory subject matter. Applicants have amended claim 1 to recite locating a fault utilizing the calculated distances. This is a concrete, useful and tangible result. Accordingly, Applicants submit that claim 1 and claims 2-14, which depend from claim 1, recite statutory subject matter. Therefore, Applicants respectfully request withdrawal of this rejection.

The Examiner rejected claim 24 under 35 U.S.C. § 101 as reciting non-statutory subject matter. Applicants have amended claim 24 to recite a computer program product including a computer readable medium. Accordingly, Applicants submit that claim 24 recites statutory subject matter. Therefore, Applicants respectfully request withdrawal of this rejection.

Applicants have cancelled claim 25.

The Examiner has allowed claims 15-23. In view of the above, all pending claims are now allowable.

In view of the above, Applicants submit that this case is now in condition for allowance and respectfully request favorable reconsideration of this case and issuance of the notice of allowance.

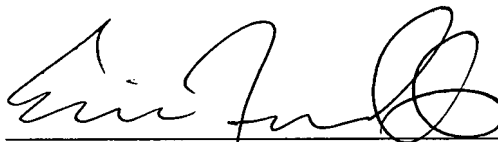
If an interview would advance the prosecution of this case, Applicants respectfully urge the Examiner to contact the undersigned at the telephone number listed below.

The undersigned authorizes the Commissioner to charge fee insufficiency and credit overpayment associated with this communication to Deposit Account No. 22-0261.

Date:

6/19/07

Respectfully submitted,



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